



Providing Solutions in Pressure Sensitive Films

Product Construction Sheet

FLEXmark® V 400 IFC V-344 90 PFW

GENERAL DESCRIPTION:

This is a flexible frosty clear vinyl film coated with a permanent pressure sensitive acrylic adhesive and backed with a two-side poly coated lay flat release liner.

PRODUCT DATA	VALUE	TEST METHOD
PHYSICAL PROPERTIES		
Thickness mil (micron)	Film: 3.5 (89) +/- 10 % Adhesive: 0.9-1.0 (23-25) +/- 0.1 (3) Liner: 6.9 (175) +/- 10 %	ASTM D 3652
Dimensional Stability (%)	MD: 0.75 TD: 0.75	On Al panel at 160°F (71°C) for 24 hr.

ADHESION PROPERTIES**

Adhesion from	Average oz/in (N/m)	
Stainless Steel	74 (814)	ASTM D 903 (Modified for 72 hr dwell time)
Acrylic	113 (1243)	
Glass	109 (1199)	
Polypropylene	54 (594)	
Expected Shear (hours)	50	ASTM D 3654 Method A (1 hr dwell, 1 sq. in, 4 lb. load)
Tack (gm)	450	ASTM D 2979

** For guidance only, not to be used for setting specifications. Due to the custom nature of this product, the data presented are based on three or less production runs.

EXPECTED EXTERIOR LIFE	Two years
SERVICE TEMPERATURE RANGE	-40°F to 176°F (-40°C to 80°C)
MINIMUM APPLICATION TEMPERATURE	50°F (10°C)
STORAGE STABILITY	Two years stored at 70°F (21°C) and 50% RH

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08/16/2007

Product Performance and Suitability

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